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NEWS 2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS 3	NOV 26	MARPAT enhanced with FSORT command
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NEWS 7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS 8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
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NEWS 10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS 11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS 14	FEB 10	COMPENDEX reloaded and enhanced
NEWS 15	FEB 11	WTEXTILES reloaded and enhanced
NEWS 16	FEB 19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
NEWS 17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS 18	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS 19	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS 20	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS 21	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS 22	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS EXPRESS	JUNE 27 08	CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:52:26 ON 03 MAR 2009

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.22       0.22

FILE 'REGISTRY' ENTERED AT 08:52:38 ON 03 MAR 2009
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STRUCTURE FILE UPDATES:    1 MAR 2009  HIGHEST RN 1114066-48-6
DICTIONARY FILE UPDATES:   1 MAR 2009  HIGHEST RN 1114066-48-6

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=>
Uploading C:\Program Files\STNEXP\Queries\10588235 str 1.str

L1      STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 08:53:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      209 TO ITERATE

100.0% PROCESSED      209 ITERATIONS                                 2 ANSWERS
SEARCH TIME: 00.00.01

L2            2 SEA SSS FUL L1

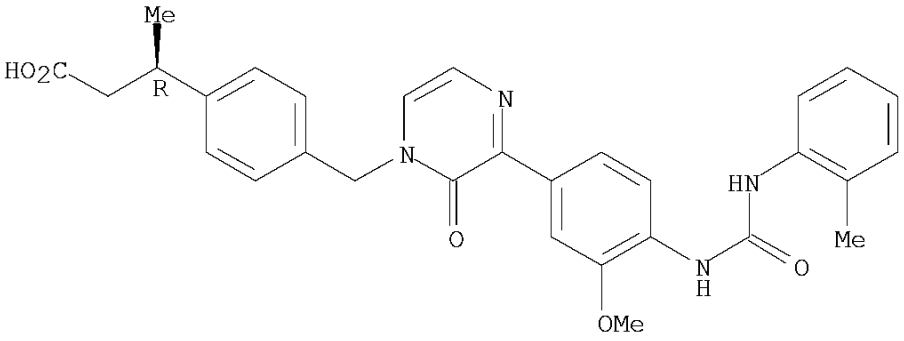
=> d l2

L2   ANSWER 1 OF 2  REGISTRY  COPYRIGHT 2009 ACS on STN
RN   862855-49-0  REGISTRY
ED   Entered STN:  09 Sep 2005
CN   Benzenepropanoic acid, 4-[[3-[3-methoxy-4-[[[(2-
```

methylphenyl)amino]carbonyl]amino]phenyl]-2-oxo-1(2H)-pyrazinyl]methyl]-β-methyl-, (βR)- (CA INDEX NAME)

FS STEREOSEARCH
MF C30 H30 N4 O5
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	188.41	188.63

FILE 'CAPLUS' ENTERED AT 08:53:37 ON 03 MAR 2009

FILE COVERS 1907 - 3 Mar 2009 VOL 150 ISS 10
FILE LAST UPDATED: 2 Mar 2009 (20090302/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l2
L3 2 L2

=> d l3 1-2 ibib ab

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:281174 CAPLUS
DOCUMENT NUMBER: 146:330828
TITLE: Pharmaceutical compositions containing α-4 integrin mediated cell adhesion inhibitors
INVENTOR(S): Ward, Robert William; Witherington, Jason
PATENT ASSIGNEE(S): Tanabe Seiyaku Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 38pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007063268	A	20070315	JP 2006-212923	20060804
PRIORITY APPLN. INFO.:			JP 2005-227980 A	20050805
OTHER SOURCE(S):	MARPAT 146:330828			

AB The invention relates to a pharmaceutical composition characterized by containing a compound I [A, B, D = aryl, heteroaryl; R1, R2, R3 = C1-6 alkyl, halogen, C1-6 alkoxy, hydroxy, cyano, CF3, OCF3, nitro, C1-6 alkylthio, amino, mono-(di-)-C1-6 alkylamino, carboxy, C1-6 alkanoyl, amido, mono-(di-)-C1-6 alkylamido, etc; R4, R4' = H, C1-6 alkyl, halogen, C1-6 alkoxy; V = O, S, NH, N-C1-6 alkyl, NNO2, NCN; W, X, Y, Z = C, CH, N, wherein at least on of X, Y, and Z is N; L = -(CH2)q-, -(CH2)q'O-, wherein q = 0=3, q' = 2, 3; J = -CR5:CR6-, wherein R5, R6 = H, C1-6 alkyl, single bond, etc.; m, n, p = 0-3; t = 0-2], or its pharmaceutically acceptable derivative as an active component. The compound has an inhibitory effect against α-4 integrin mediated cell adhesion, and is suitable for use for treatment of α-4 integrin mediated cell adhesion-related disease, e.g. asthma, enteritis, rheumatic arthritis, and multiple sclerosis, etc. For example, a compound (R,S)-3-[4-[5-[3-ethoxy-4-(3-o-tolylureido)phenyl]-6-oxo-6H-pyrimidin-1-ylmethyl]phenyl]butyric acid was prepared, and examined for its interaction with integrin VLA-4 in vitro.

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:823674 CAPLUS
DOCUMENT NUMBER: 143:229873
TITLE: Preparation of 2-(phenylmethyl)pyrimidinones and related compounds as alpha-4 integrin mediated cell adhesion inhibitors for the treatment of inflammatory diseases
INVENTOR(S): Ward, Robert William; Witherington, Jason
PATENT ASSIGNEE(S): Tanabe Seiyaku Co., Ltd., Japan
SOURCE: PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

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     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
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     WO 2005075438        A1    20050818    WO 2005-JP2194         20050208
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
             MR, NE, SN, TD, TG
     CA 2554705           A1    20050818    CA 2005-2554705        20050208
     EP 1737826           A1    20070103    EP 2005-710195         20050208
         R:  AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR
     CN 1918133           A     20070221    CN 2005-80004473       20050208
     JP 2007522146        T     20070809    JP 2006-552027         20050208
     US 20080234301       A1    20080925    US 2006-588235         20060803
PRIORITY APPLN. INFO.:                      GB 2004-2812        A  20040209
                                            WO 2005-JP2194      W  20050208

OTHER SOURCE(S):         CASREACT 143:229873; MARPAT 143:229873
AB   Title compds. I [R1' = (R1)m; R2' = (R2)n; D = (CH2)t; R3' = (R3)p; R1,
     R2, R3 = alkyl, halo, alkoxy, etc.; R4, R4' = H, alkyl, halo, etc.; V = O,
     S, NH, etc.; W, X, Y, Z = C, CH, N, subject to the proviso that at least
     one X Y and Z is N; L = (CH2)q, (CH2)q'O; J = bond, CR5=CR6, CHR7CHR8,
     etc.; R5, R6 = H, alkyl; R7, R8 = H, alkyl, cycloalkyl, etc.; q = 0-3; q'
     = 2,3; A, B, D = aryl, heteroaryl; m, n, p = 0-3; t = 0-2] and their
     pharmaceutically acceptable salts were prepared  For example, saponification
of Et
     ester II (G = OEt) afforded carboxylic acid II (G = OH).  Compoounds I are
     claimed to be useful as alpha-4 integrin mediated cell adhesion inhibitors
     (no data provided).
REFERENCE COUNT:         3     THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
                               RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d l3 1-2 ibib ab hitstr

L3   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:        2007:281174  CAPLUS
DOCUMENT NUMBER:         146:330828
TITLE:                   Pharmaceutical compositions containing α-4
                         integrin mediated cell adhesion inhibitors
INVENTOR(S):             Ward, Robert William; Witherington, Jason
PATENT ASSIGNEE(S):      Tanabe Seiyaku Co., Ltd., Japan
SOURCE:                  Jpn. Kokai Tokkyo Koho, 38pp.
                         CODEN: JKXXAF
DOCUMENT TYPE:           Patent
LANGUAGE:                Japanese
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------   --------
     JP 2007063268        A     20070315    JP 2006-212923         20060804
PRIORITY APPLN. INFO.:                      JP 2005-227980      A  20050805
OTHER SOURCE(S):         MARPAT 146:330828
AB   The invention relates to a pharmaceutical composition characterized by
containing a
```
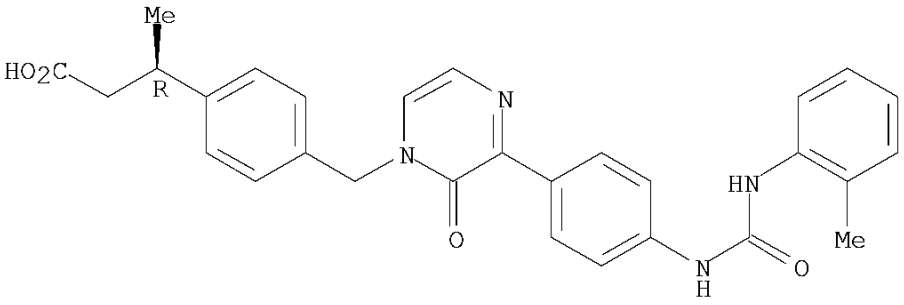

compound I [A, B, D = aryl, heteroaryl; R1, R2, R3 = C1-6 alkyl, halogen, C1-6 alkoxy, hydroxy, cyano, CF3, OCF3, nitro, C1-6 alkylthio, amino, mono-(di-)-C1-6 alkylamino, carboxy, C1-6 alkanoyl, amido, mono-(di-)-C1-6 alkylamido, etc; R4, R4' = H, C1-6 alkyl, halogen, C1-6 alkoxy; V = O, S, NH, N-C1-6 alkyl, NNO2, NCN; W, X, Y, Z = C, CH, N, wherein at least on of X, Y, and Z is N; L = -(CH2)q-, -(CH2)q'O-, wherein q = 0=3, q' = 2, 3; J = -CR5:CR6-, wherein R5, R6 = H, C1-6 alkyl, single bond, etc.; m, n, p = 0-3; t = 0-2], or its pharmaceutically acceptable derivative as an active component. The compound has an inhibitory effect against α-4 integrin mediated cell adhesion, and is suitable for use for treatment of α-4 integrin mediated cell adhesion-related disease, e.g. asthma, enteritis, rheumatic arthritis, and multiple sclerosis, etc. For example, a compound (R,S)-3-[4-[5-[3-ethoxy-4-(3-o-tolylureido)phenyl]-6-oxo-6H-pyrimidin-1-ylmethyl]phenyl]butyric acid was prepared, and examined for its interaction with integrin VLA-4 in vitro.

IT 862855-36-5P 862855-49-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(pharmaceutical compns. containing α-4 integrin mediated cell adhesion inhibitors)

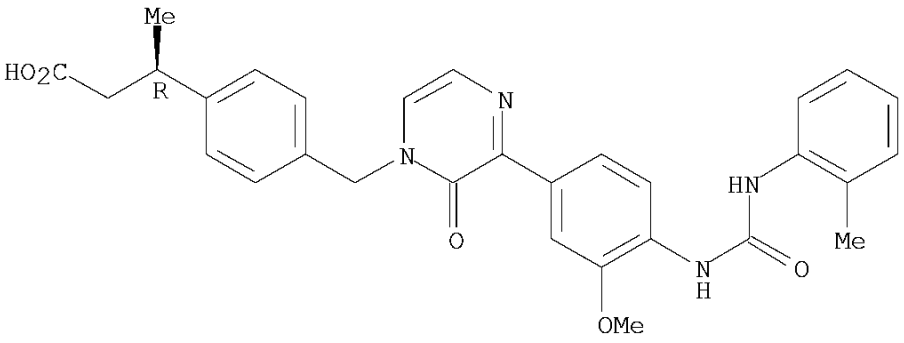
RN 862855-36-5 CAPLUS
CN Benzenepropanoic acid, β-methyl-4-[[3-[4-[[[(2-methylphenyl)amino]carbonyl]amino]phenyl]-2-oxo-1(2H)-pyrazinyl]methyl]-, (βR)- (CA INDEX NAME)

Absolute stereochemistry.



RN 862855-49-0 CAPLUS
CN Benzenepropanoic acid, 4-[[3-[3-methoxy-4-[[[(2-methylphenyl)amino]carbonyl]amino]phenyl]-2-oxo-1(2H)-pyrazinyl]methyl]-β-methyl-, (βR)- (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:823674 CAPLUS
DOCUMENT NUMBER: 143:229873
TITLE: Preparation of 2-(phenylmethyl)pyrimidinones and related compounds as alpha-4 integrin mediated cell adhesion inhibitors for the treatment of inflammatory diseases
INVENTOR(S): Ward, Robert William; Witherington, Jason
PATENT ASSIGNEE(S): Tanabe Seiyaku Co., Ltd., Japan
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DOCUMENT TYPE: Patent
LANGUAGE: English
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PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005075438	A1	20050818	WO 2005-JP2194	20050208
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2554705	A1	20050818	CA 2005-2554705	20050208
EP 1737826	A1	20070103	EP 2005-710195	20050208
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1918133	A	20070221	CN 2005-80004473	20050208
JP 2007522146	T	20070809	JP 2006-552027	20050208
US 20080234301	A1	20080925	US 2006-588235	20060803
PRIORITY APPLN. INFO.:			GB 2004-2812 A	20040209
			WO 2005-JP2194 W	20050208

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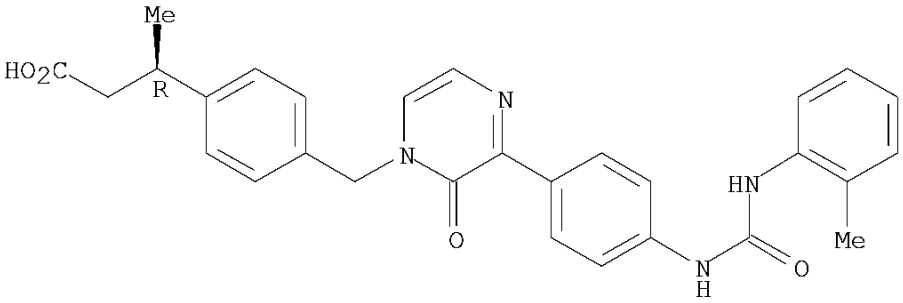
ester II (G = OEt) afforded carboxylic acid II (G = OH). Compoounds I are claimed to be useful as alpha-4 integrin mediated cell adhesion inhibitors (no data provided).
IT 862855-36-5P 862855-49-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-(phenylmethyl)pyrimidinones and related compds. as alpha-4 integrin mediated cell adhesion inhibitors for the treatment of inflammatory diseases)
RN 862855-36-5 CAPLUS
CN Benzenepropanoic acid, β-methyl-4-[[3-[4-[[[(2-

methylphenyl)amino]carbonyl]amino]phenyl]-2-oxo-1(2H)-pyrazinyl]methyl]-, (βR)- (CA INDEX NAME)

Absolute stereochemistry.



RN 862855-49-0 CAPLUS
CN Benzenepropanoic acid, 4-[[3-[3-methoxy-4-[[[(2-methylphenyl)amino]carbonyl]amino]phenyl]-2-oxo-1(2H)-pyrazinyl]methyl]-β-methyl-, (βR)- (CA INDEX NAME)

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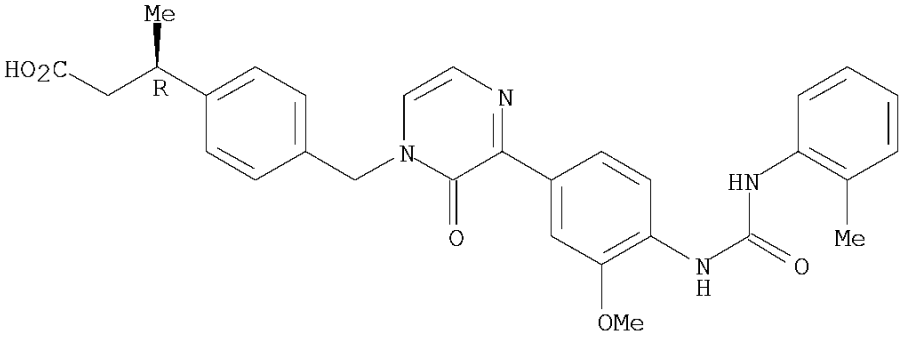

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT